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Amendment to the Claims:

This listing of the claims will replace all prior versions and listings of the claims in this application.

Listing of Claims:

1-10. (canceled)

11. (currently amended) A multiple-pass fluid rotary union, comprising:

a ~~concentric~~ first member including a plurality of spaced longitudinally directed bores of different lengths extending from ~~at least~~ one end of the first member and terminating, ~~wherein each of the longitudinally directed bores terminates~~ at an associated radially directed bore communicating the longitudinally directed bores with an outer surface of the first member; and

a second member including:

a first housing positioned adjacent to ~~[[at]]~~ a first end of the second member, and wherein the first housing is rotatably interconnected ~~connected~~ with the first member;

an end plate ~~approximate~~ positioned adjacent to a second end of the second member, and operably connected with the first member;

a plurality of longitudinally adjacent segments positioned between the first housing and the end plate, wherein each of the segments has opposite end surfaces, an outer surface, an annular inner surface~~[[,]]~~ with at least one circumferential groove therein ~~formed into the inner surface~~ for providing fluid communication with one of the associated radially directed bores of the first member, and ~~wherein each of the segments includes~~ a radially directed bore extending from each of the grooves to the outer surface of the segment; and

a plurality of couplers having ungrooved inner surfaces without fluid communication with the radially directed bores of the first member, and opposite faces which abuttingly engage the end surfaces of the segments to transmit torque between the segments without rigid connection therebetween, and thereby accommodate for some misalignment

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between the segments, wherein ~~one of~~ the couplers ~~[[is]]~~ are positioned between adjacent ones of the segments ~~and between the segment adjacent the first housing and the first housing~~, and wherein the first member is positioned concentrically within the second member and is rotatable relative thereto.

12. (currently amended) The union of claim 11, wherein ~~the end plate restricts movement of the segments in the longitudinal direction~~ and the couplers are captured in a stacked relationship between the housing and the end plate.

13. (currently amended) The union of claim 11, ~~wherein~~ including a seal ~~[[is]]~~ positioned between the annular inner surface of each of the segments and the outer surface of the first member.

14. (original) The union of claim 13, wherein the seal includes a circumferential seal element in the annular inner surface of each of the segments on each side of the grooves thereof in sealing engagement with the outer surface of the first member.

15. (currently amended) The union of claim 11, ~~wherein~~ including radially directed passages ~~[[are]]~~ located between the grooves and providing for at least one of rotary seal leakage detection, collection and drainage.

16. (currently amended) The union of claim 11, wherein the outer surface of the first member includes a wear resistant coating and wherein the first member acts bearingly against the segments.

17. (original) The union of claim 11, further including:
a secondary seal positioned between each of the annular segments and the first member.

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18. (currently amended) The union of claim 11, wherein ~~the coupler between the adjacent segments is a torque coupling/misalignment device~~ the opposite end surfaces of at least one of the segments and the opposite faces of at least an adjacent one of the couplers includes a slot and mating lug to rotatably interconnect the same.

19. (currently amended) The union of claim 18, wherein ~~the coupler between the segment adjacent the first housing and the first housing is another torque coupling/misalignment device~~ each one of the couplers includes at least one axially projective lug and each of the segments includes at least one axially opening slot configured to closely receive the lug therein.

20. (currently amended) The union of claim 19, wherein a wear resistant surface treatment is applied to ~~the torque coupling/misalignment devices~~ at least one of the couplers.

21. (currently amended) A multiple-pass fluid rotary union, comprising:

a ~~concentric~~ first member including a plurality of spaced longitudinally directed bores of different lengths extending from ~~at least one end of the first member, and terminating wherein each of the longitudinally directed bores terminates~~ at an associated radially directed bore communicating the longitudinally directed bores with an outer surface of the first member; and

a second member including:

a first housing positioned adjacent to ~~[[at]]~~ a first end of the second member, and wherein the first housing is rotatably interconnected ~~connected~~ with the first member;

~~one of an end plate~~ a retainer and a second housing positioned adjacent to approximate a second end of the second member, ~~wherein the second housing, when present, is rotatably interconnected with the first member and, when present, being operably connected with the first member;~~

a plurality of longitudinally adjacent segments positioned between ~~one of the~~ first housing and the ~~end plate~~ retainer ~~and the first and second housings~~, wherein each of the

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segments has opposite end surfaces, an outer surface, an annular inner surface~~[[,]]~~ with at least one circumferential groove therein ~~formed into the inner surface~~ for providing fluid communication with one of the associated radially directed bores of the first member, and ~~wherein each of the segments includes~~ a radially directed bore extending from each of the grooves to the outer surface of the segment; and

a plurality of couplers having ungrooved inner surfaces without fluid communication with the radially directed bores of the first member, and opposite faces which abuttingly engage the end surfaces of the segments to transmit torque between the segments without rigid connection therebetween, and thereby accommodating for some misalignment between the segments, wherein ~~one of~~ the couplers ~~[[is]]~~ are positioned between adjacent ones of the segments, ~~between the segment adjacent the first housing and the first housing and between the segment adjacent the second housing and the second housing, when present,~~ and wherein the first member is positioned concentrically within the second member and is rotatable relative thereto.

22. (currently amended) The union of claim 21, wherein ~~the end plate restricts movement of the segments in the longitudinal direction and the couplers are captured in a stacked relationship between the housing and the retainer.~~

23. (currently amended) The union of claim 21, ~~wherein~~ including a seal ~~[[is]]~~ positioned between the annular inner surface of each of the segments and the outer surface of the first member.

24. (original) The union of claim 23, wherein the seal includes a circumferential seal element in the annular inner surface of each of the segments on each side of the grooves thereof in sealing engagement with the outer surface of the first member.

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25. (currently amended) The union of claim 21, ~~wherein~~ including radially directed passages ~~[[are]]~~ located between the grooves and providing for at least one of rotary seal leakage detection, collection and drainage.

26. (currently amended) The union of claim 21, wherein the outer surface of the first member includes a wear resistant coating and wherein the first member acts bearingly against the segments.

27. (original) The union of claim 21, further including:
a secondary seal positioned between each of the annular segments and the first member.

28. (currently amended) The union of claim 21, wherein ~~the coupler between the adjacent segments is a torque coupling/misalignment device~~ opposite end surfaces of at least one of the segments and the opposite faces of at least an adjacent one of the couplers includes a slot and mating lug to rotatably interconnect the same.

29. (currently amended) The union of claim 28, wherein ~~the coupler between the segment adjacent the first housing and the first housing is another torque coupling/misalignment device~~ each one of the couplers includes at least one axially projective lug and each of the segments includes at least one axially opening slot configured to closely receive the lug therein.

30. (currently amended) The union of claim 29, wherein a wear resistant surface treatment is applied to ~~the torque coupling/misalignment devices~~ at least one of the couplers.